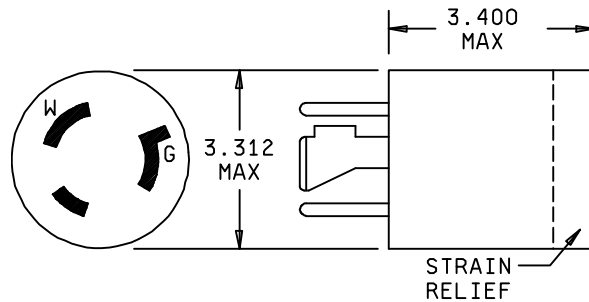


## FEDERAL SPECIFICATION SHEET

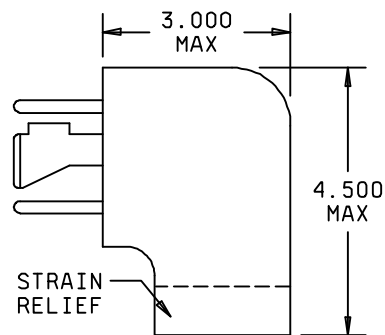
CONNECTOR, PLUG, ELECTRICAL, SPECIAL PURPOSE, GROUNDING, LOCKING,  
 2 POLE, 3 WIRE, 20 AMPERES, 277 VOLTS, 50/60 HERTZ

The General Services Administration has authorized the use  
 of this federal specification sheet by all federal agencies.

The complete requirements for procuring the connectors described herein shall  
 consist of this document and the latest issue of W-C-596/GEN.



STRAIGHT WC596/108-1



ANGLE WC596/108-2

| Inches | mm     |
|--------|--------|
| 3.000  | 76.20  |
| 3.400  | 86.36  |
| 3.312  | 84.12  |
| 4.500  | 114.30 |

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.

# W-C-596/108B

## REQUIREMENTS:

Design and configuration: See figure 1.

Dimensions: Shall conform to NEMA WD 6, configuration L7-20P.

Mating face: Dead-front construction.

Armored construction: Not acceptable.

### Ratings:

Voltage: 277 volts.

Current: 20 amperes.

Frequency: 50/60 hertz.

Mating connector: W-C-596/107 and W-C-596/109.

Strain relief: Accommodate cable diameter .325 - .655 inches.

Part or Identifying Number (PIN): W-C-596/108- (dash number from table I).

Supersession and cross reference: See table II.

TABLE I. Dash number.

| Dash no. | Supersedes style | Description   |
|----------|------------------|---------------|
| 1        |                  | Straight plug |
| 2        |                  | Angle plug    |

TABLE II. Supersession and cross reference.

| Active<br>Government<br>PIN | Superseded numbers |               |               |               |               |               |                 |
|-----------------------------|--------------------|---------------|---------------|---------------|---------------|---------------|-----------------|
|                             | CAGE 1/<br>75582   | CAGE<br>04009 | CAGE<br>08556 | CAGE<br>71183 | CAGE<br>81091 | CAGE<br>21873 | CAGE<br>74545   |
| W-C-596/108-1               |                    | 6221<br>6222  |               |               | L720-P        |               | 2331<br>2331-CY |
| W-C-596/108-2               |                    |               |               |               |               |               |                 |

1/ CAGE is the Commercial and Government Entity code which is assigned and maintained by Defense Logistics Information Service (DLIS) in Battle Creek, MI.

MILITARY INTERESTS:

Custodians

Army - CR  
Navy - YD  
Air Force - 11  
DLA - CC

Review Activities

Army – AV, CR4, MI  
Navy – AS, EC, MC, SH  
Air Force - 99

CIVIL AGENCY  
COORDINATING ACTIVITIES:

DCGOVT - DCG  
DOT - ACO  
GSA - 7FXE  
HHS - FEC  
USDA - AFS

Preparing Activity:  
DLA - CC

(Project 5935-4305-52)